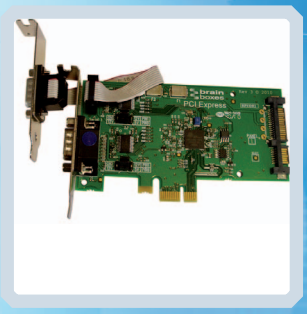
brainboxes
www.brainboxes.com

EST 1984 | nqa. ISO 9001 Registered | nqa. ISO 14001 Registered | Microsoft Partner Gold OEM | AEO

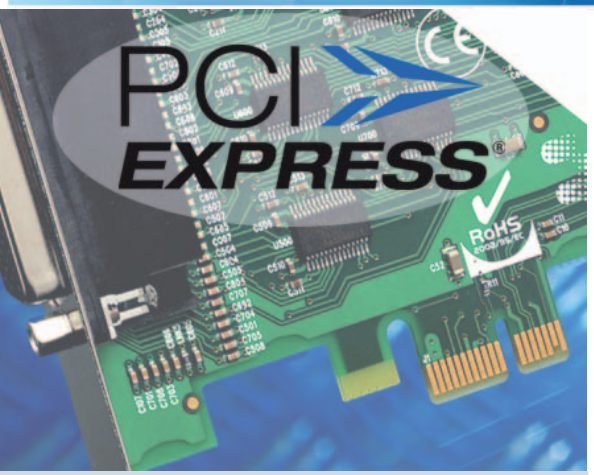
RoHS Compliant



PX-857

LP PCIe 2xRS232 POS 1A

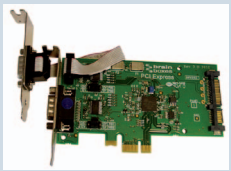
"SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"



Features

- 2 port RS232
- PCI Express x1, x4, x8 & x16 lane slots socket size
- 128 Byte Tx and 128 Byte Rx FIFOs
- Up to 921,600 Baud
- DB9 connector (9 Pin Male)
- Drivers for all popular operating systems
- Sample Programs, Test & Terminal software
- Lifetime Support
- Lifetime Warranty (registration required)

Options



PX-857:
LP PCIe 2xRS232 POS 1A

:

Description

Low profile PCI Express Card providing two powered RS232 serial ports. Data transfer rates up to 921,600 baud rates and the 128 byte deep transmit and 128 byte receive FIFOS, coupled with 1Mbit/s line drivers deliver uncompromising performance on your PC. Up to 1 Amp selectable power provided through pins 1 and 9 to attached peripherals. The extra power necessary is supplied to the PCI express card directly from the PC power supply unit through a Parallel ATA (PATA - or IDE) power connector: a neat, clean and green solution. Drivers for Windows 32 bit and 64 bit Operating Systems including Windows 2000, XP, Server 2003, Vista, Server 2008 and Windows 7.

PCI Express is the latest standard in PC connectivity.

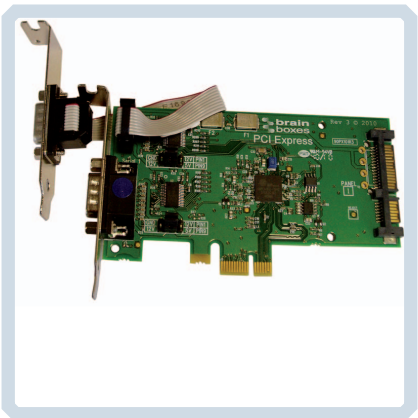
Software

Microsoft signed drivers (easy installation & robust operation) for:

- Windows 7 32 bit & 64 bit Editions
- Windows Server 2008 32 bit & 64 bit Editions
- Windows Vista 32 bit & 64 bit editions
- Windows Server 2003 32 bit & 64 bit Editions

64

As well as: full product documentation, a thorough troubleshooting guide and terminal software. Detailed sample source code for many popular programming languages. Further OS support on next page.



TAA Compliant | Lifetime Support | Lifetime Warranty

Windows 7 | Certified for Windows Server 2008 | Certified for Windows Vista | Designed for Microsoft Windows Server 2003

AEO GB AEOF 00031/11 | Microsoft Partner | RoHS | CE

ORDER

Description	Code
LP PCIe 2xRS232 POS 1A	PX-857

PX-857

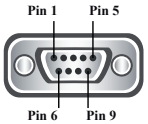
LP PCIe 2xRS232 POS 1A

PX-857: Full Specification

Port

Pin 1	DCD/12V/GND
Pin 2	RXD
Pin 3	TXD
Pin 4	DTR
Pin 5	GND
Pin 6	DSR
Pin 7	RTS
Pin 8	CTS
Pin 9	RI/12V/5V

Powered RS232 Pinout (9 Pin Male)



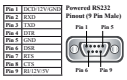
Ports	2 x RS232
Connector	DB9 Connector - 9 Pin Male
FIFO size	128 RX FIFO + 128 TX FIFO
Operating Distance	EIA - RS232 Standard
Cable	No Cable; Integrated Connector

Port Settings

921,600 baud

Baud Rate	921,600
Data Bits	5,6,7 or 8
Parity	Odd, Even, None, Mark or Space
Stop Bits	1, 1.5 or 2
Flow Control	RTS/CTS, XON/XOFF
Tx/Rx Modes	Point to Point

Interface



OS Compatibility	Microsoft Windows 7 32 bit & 64 bit Editions Windows Server 2008 32 bit & 64 bit Editions Windows Vista 32 bit & 64 bit Editions Windows Server 2003 32 bit & 64 bit Editions Windows XP 32 bit & 64 bit Editions
BUS	PCI Express x1, x4, x8 & x16 lane slots

Approvals

Other Approvals	AEO (C-TPAT) Microsoft Certified Gold Partner WEEE RoHS EMC: CE TAA
Microsoft Approvals	Windows 7 32 bit & 64 bit Editions Windows Server 2008 32 bit & 64 bit editions Windows Vista 32 bit & 64 bit editions Windows Server 2003 32 bit & 64 bit editions Windows XP 32 bit & 64 bit editions

General

TAA Compliant

PCB Layers	4
Power Consumption	400mA @ 3.3V
Weight	awaiting
Size	awaiting

Box Content

Packaging	Installation CD including manual, Microsoft signed drivers & utilities
Card	LP PCIe 2xRS232 POS 1A No Cable; Integrated Connector

Product Support

Warranty	Lifetime (online registration required)
Support	Lifetime Web, Email and Phone Support from fully qualified, friendly staff who work in and alongside the Product Development Team

Additional

Elektra 05 European Electronics Industry Awards WINNER Manufacturer of the Year

Made in the UK

OEM option	Available for bulk buy OEM
Made In	Manufactured in the UK by Brainboxes Winner 2005 European Electronics Industry Awards "Manufacturer of the Year"
Customisable	Brainboxes operate a "Perfect Fit Custom Design" policy for volume users. More Info: sales@brainboxes.com

Other PCI Express Cards: 1 Port RS232 | 2 Port RS232 | 4 Port RS232 | 8 Port RS232 | 1 Port RS422/485 | 2 Port RS422/485 | 4 Port RS422/485
Other Brainboxes Ranges: PCI | Bluetooth Serial Adapter | Ethernet to Serial Adapter | PCMCIA Serial Card | ExpressCard Serial Adapter | USB to Serial